

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101891.D
 Acq On : 4 Jan 2018 15:26
 Operator : SJ/JU
 Sample : J1011-05 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-C

Quant Time: Jan 04 16:21:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

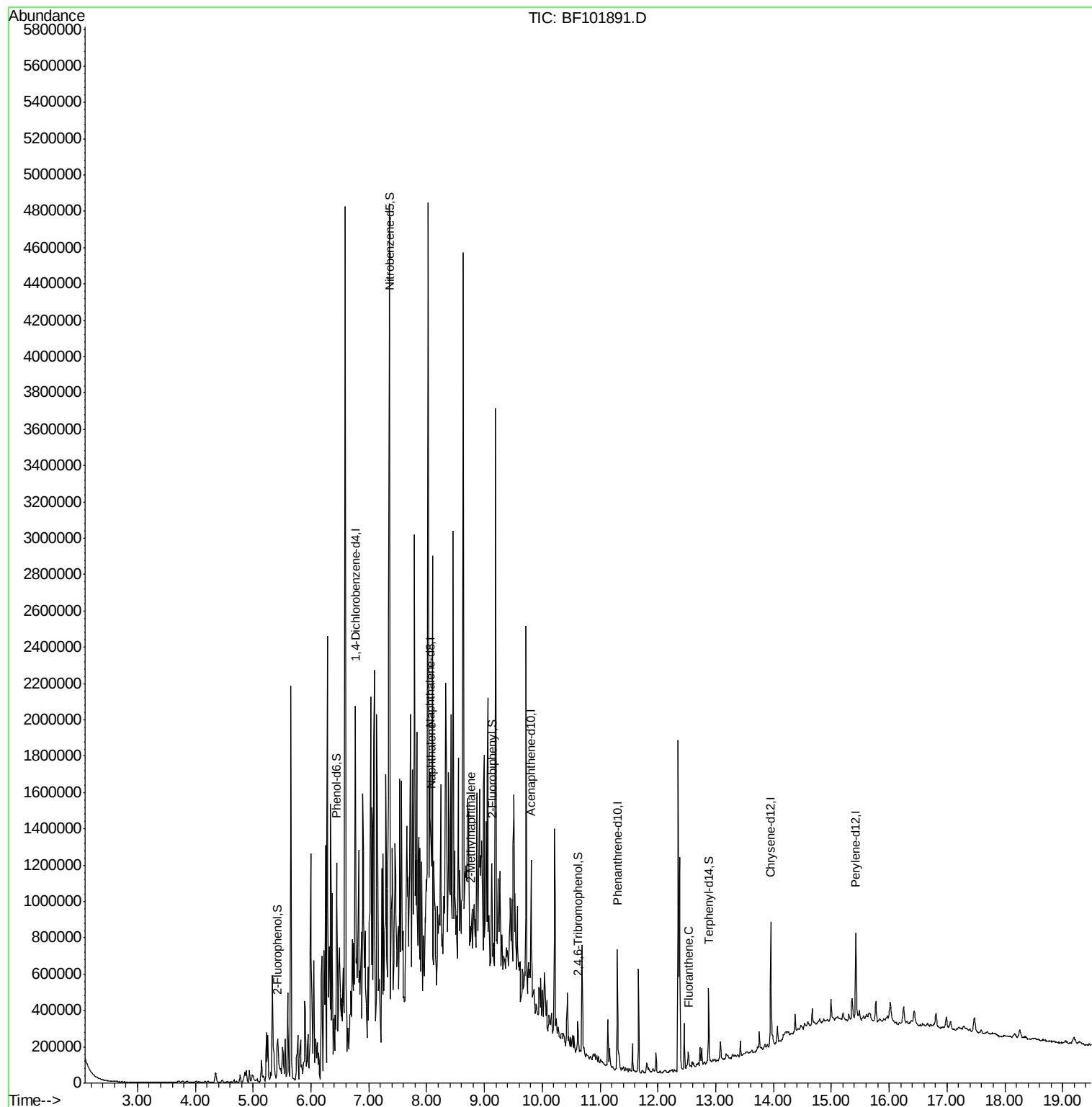
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118675	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	435295	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169165	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	256261	20.00	ng	0.00
75) Chrysene-d12	13.95	240	260756	20.00	ng	0.00
86) Perylene-d12	15.42	264	263936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	169485	21.27	ng	0.02
7) Phenol-d6	6.44	99	190968	19.26	ng	0.02
23) Nitrobenzene-d5	7.35	82	64822	8.29	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	20005	12.27	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	190742	17.49	ng	0.00
78) Terphenyl-d14	12.88	244	139469	12.89	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	58806	2.683	ng	Qvalue # 85
37) 2-Methylnaphthalene	8.77	142	53915	3.776	ng	94
74) Fluoranthene	12.53	202	31681	2.118	ng	99

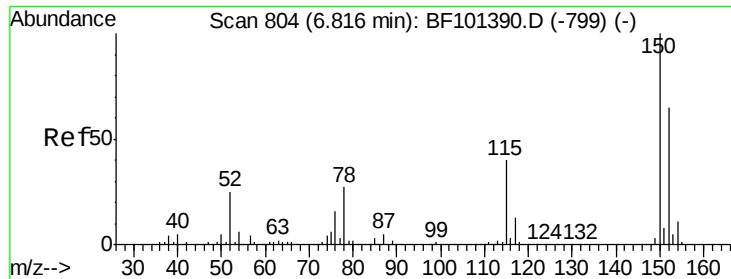
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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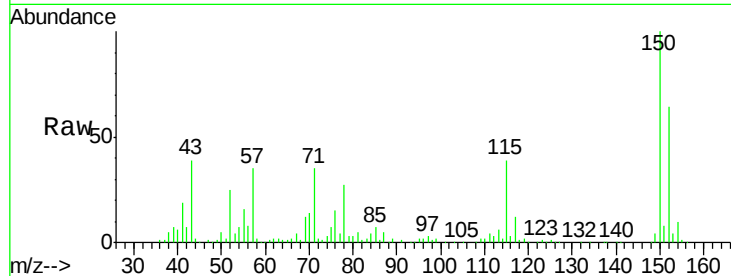


#1

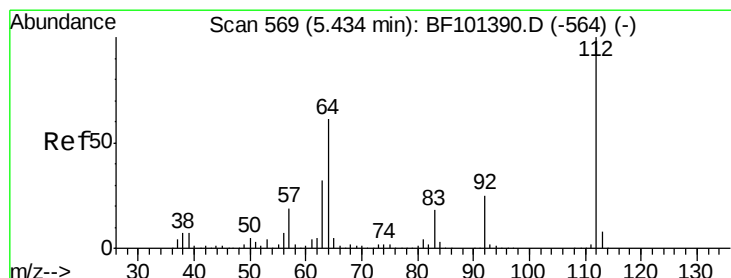
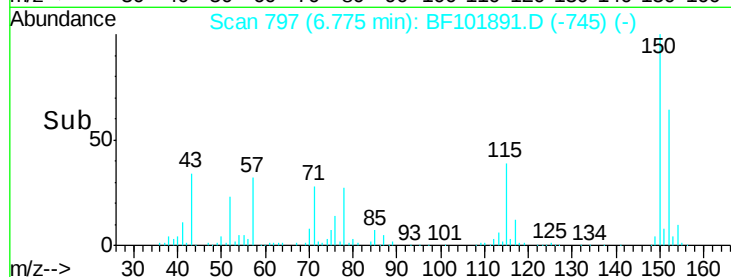
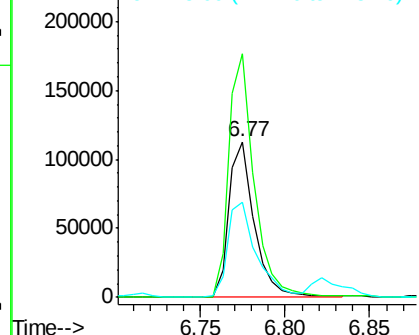
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tot Ion:152 Resp: 118675
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.9 50.1 75.1



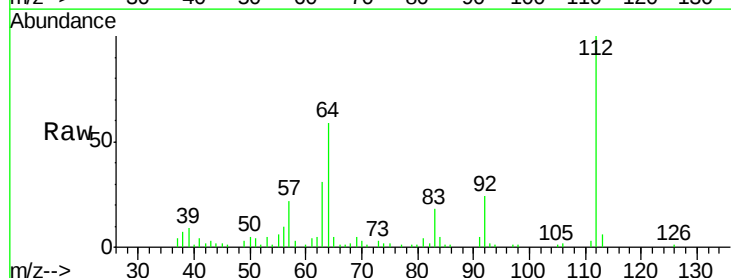
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



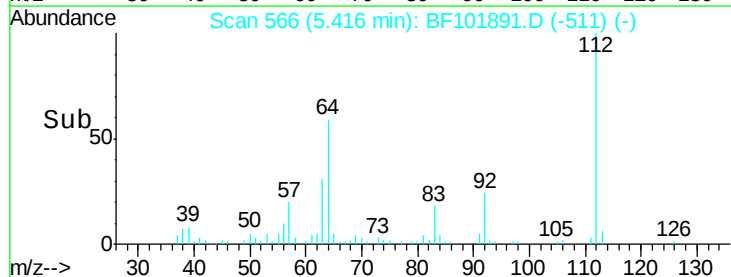
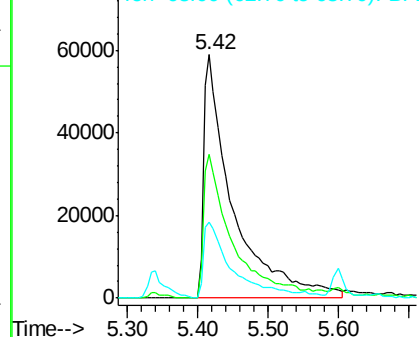
#5

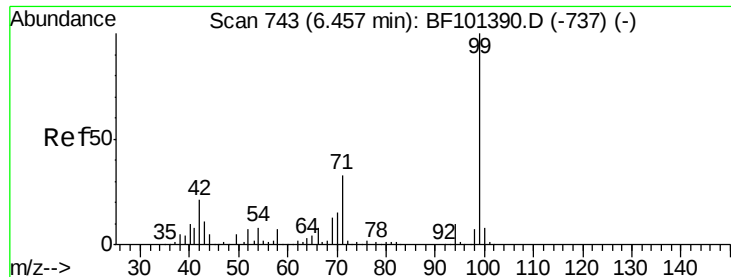
2-Fluorophenol
Concen: 21.273 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:112 Resp: 169485
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.260 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-C

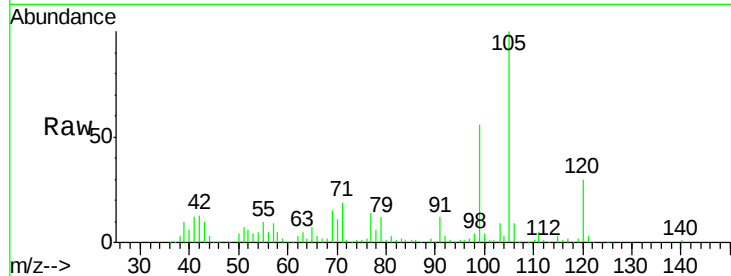
Tot Ion: 99 Resp: 190968

Ion Ratio Lower Upper

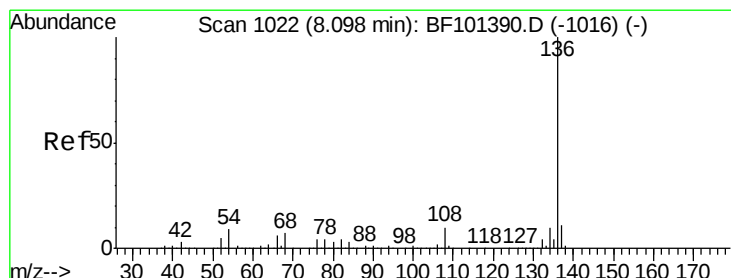
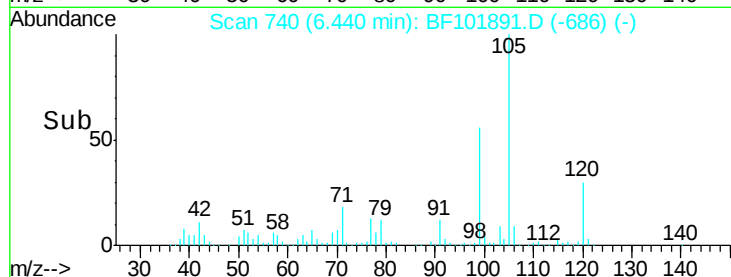
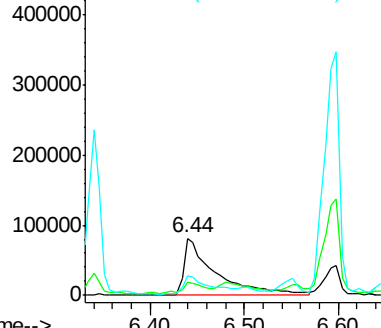
99 100

42 22.5 14.5 21.7#

71 34.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

Tgt Ion: 136 Resp: 435295

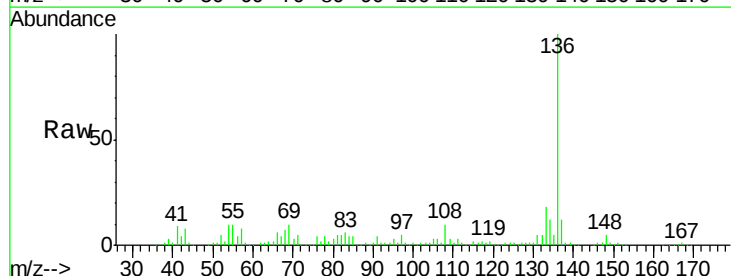
Ion Ratio Lower Upper

136 100

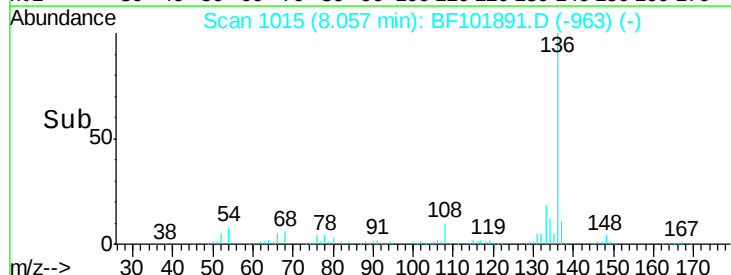
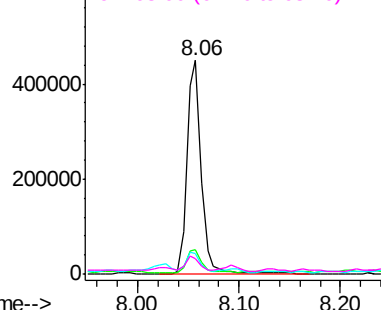
137 11.5 8.9 13.3

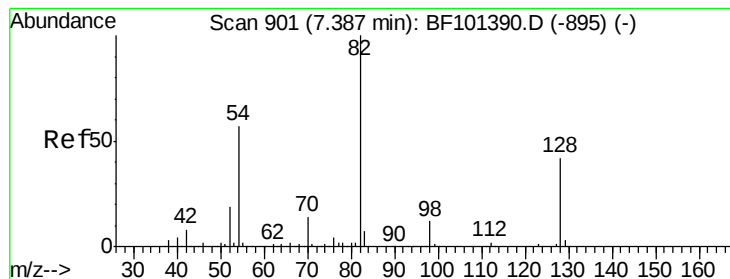
54 9.8 6.6 9.8

68 7.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 8.289 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-C

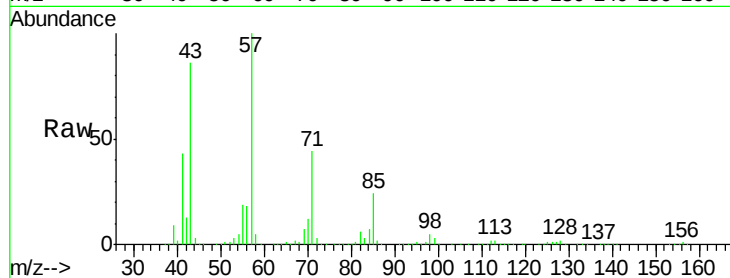
Tot Ion: 82 Resp: 64822

Ion Ratio Lower Upper

82 100

128 36.7 36.1 54.1

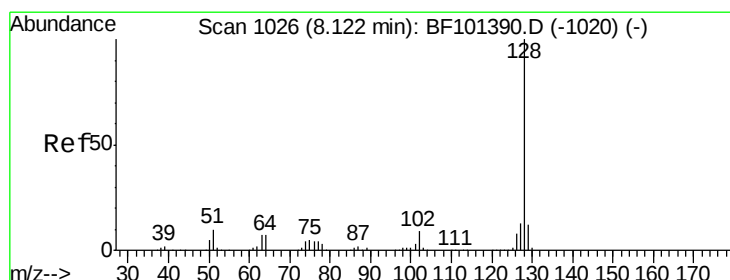
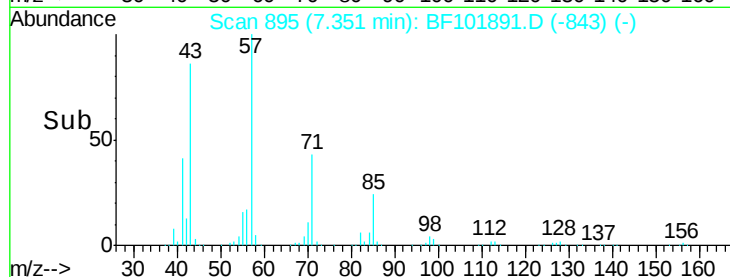
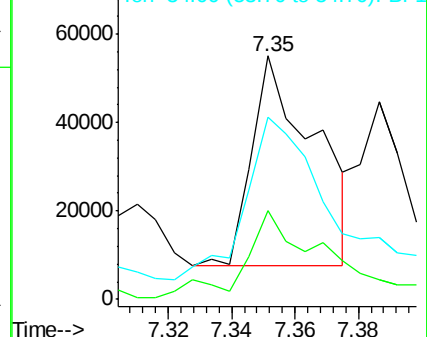
54 75.0 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 2.683 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

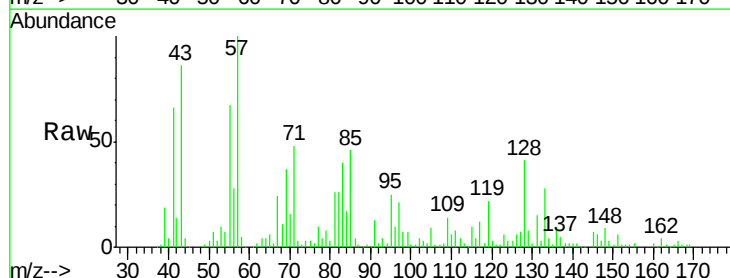
Tgt Ion: 128 Resp: 58806

Ion Ratio Lower Upper

128 100

129 18.7 8.8 13.2#

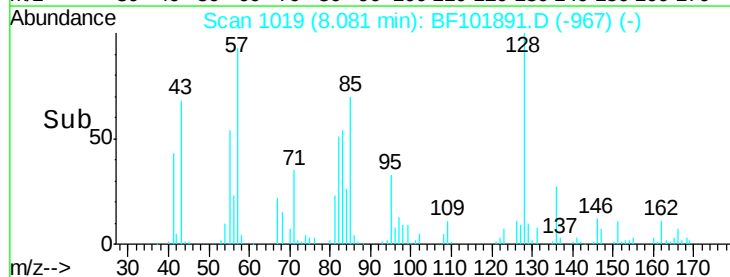
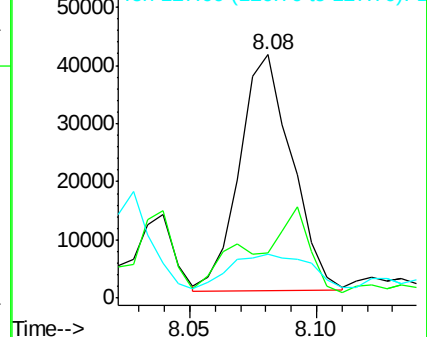
127 18.0 10.9 16.3#

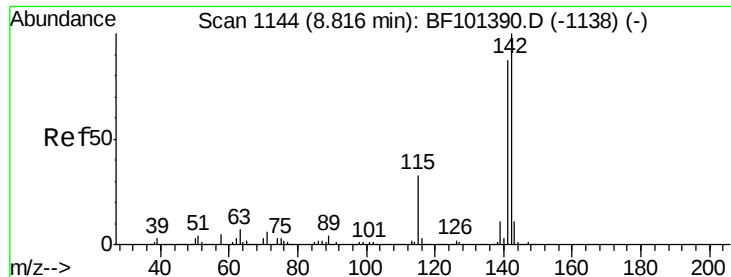


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

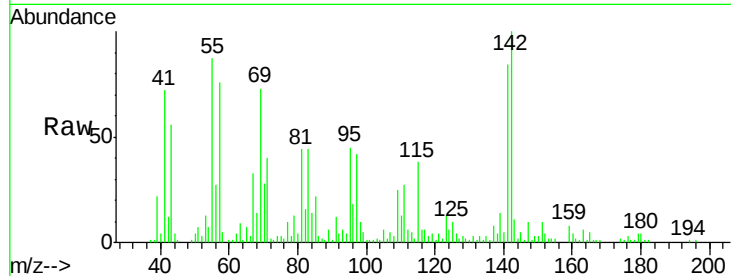




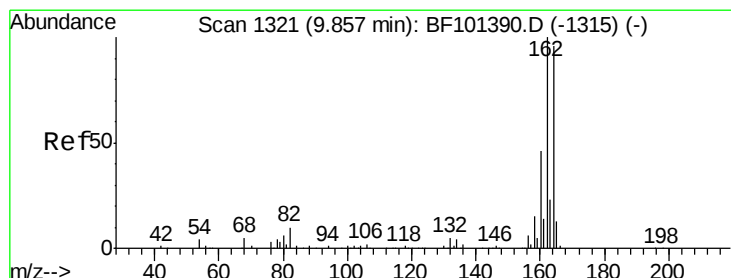
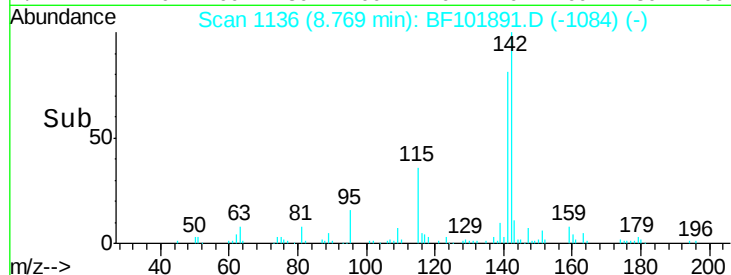
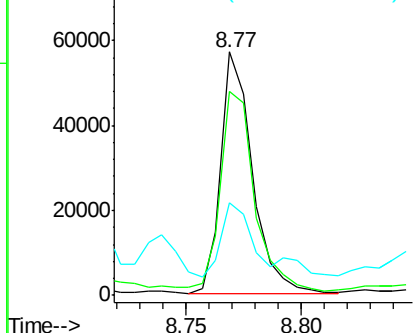
#37
2-Methylnaphthalene
Concen: 3.776 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

Tot Ion:142 Resp: 53915
Ion Ratio Lower Upper
142 100
141 83.9 70.8 106.2
115 38.2 26.1 39.1

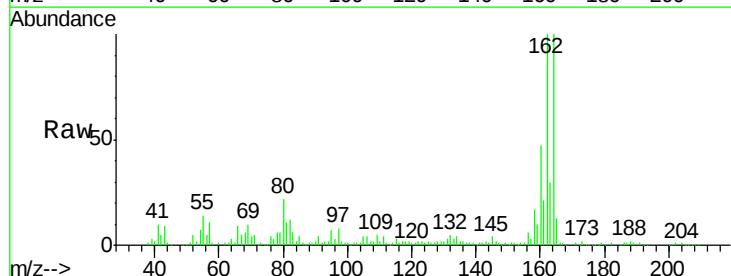


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

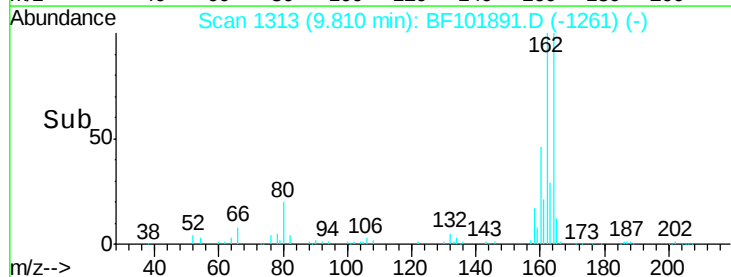
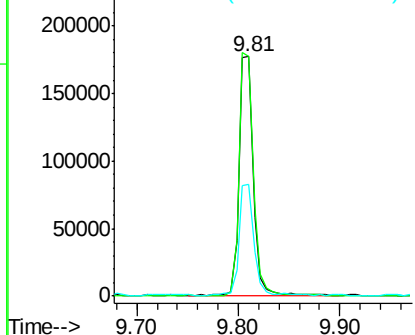


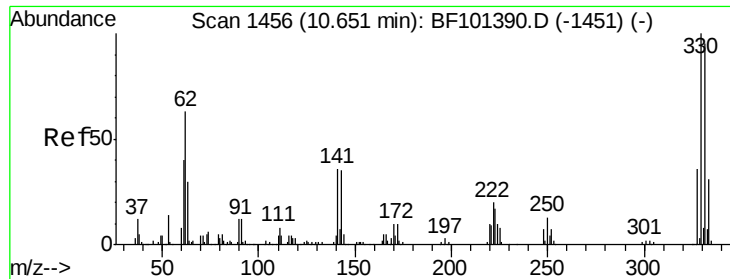
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:164 Resp: 169165
Ion Ratio Lower Upper
164 100
162 100.2 86.1 129.1
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

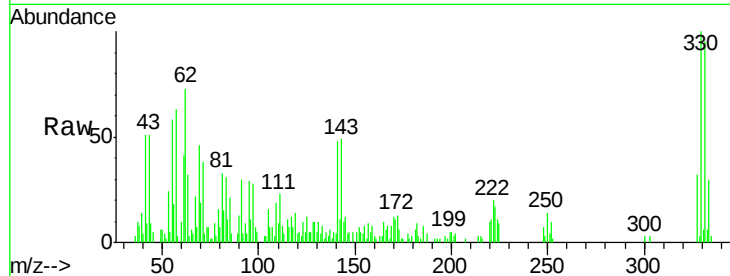




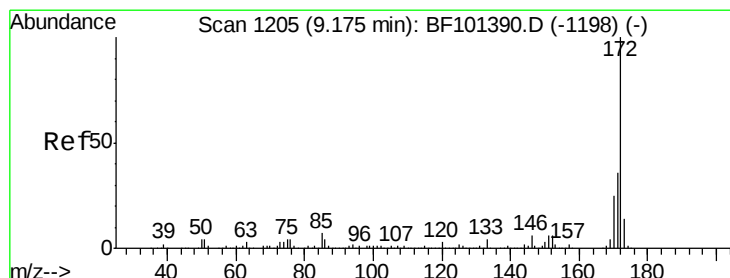
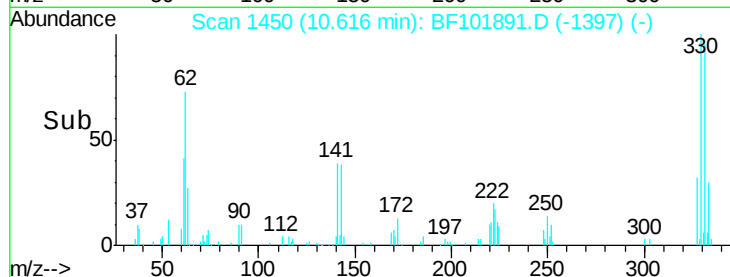
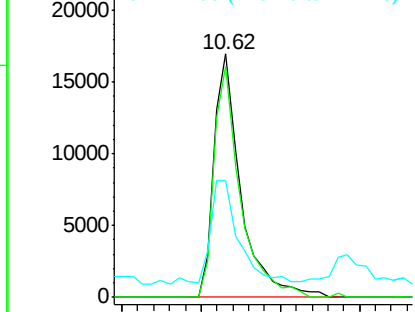
#41
 2,4,6-Tribromophenol
 Concen: 12.273 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101891.D
 Acq: 4 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-C

Tot Ion:330 Resp: 20005
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 46.9 29.9 44.9#

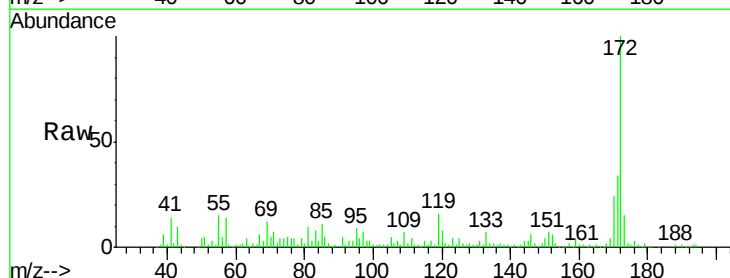


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

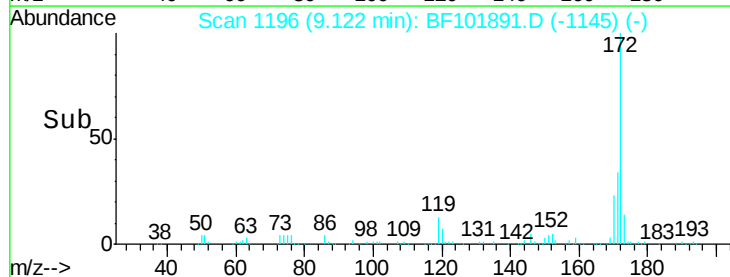
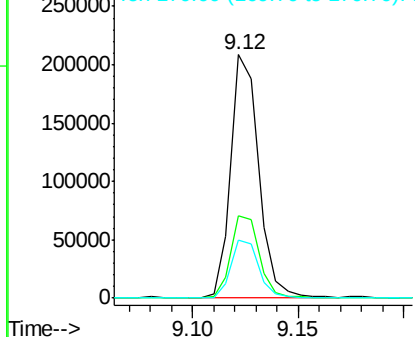


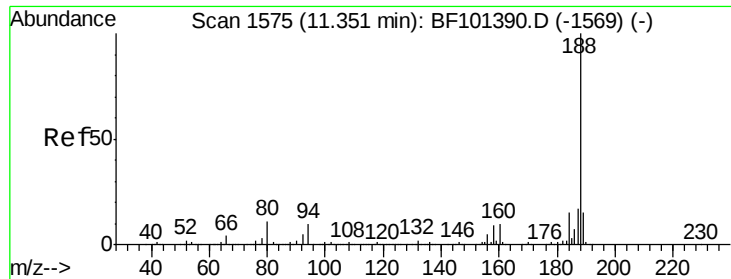
#44
 2-Fluorobiphenyl
 Concen: 17.491 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101891.D
 Acq: 4 Jan 2018 15:26

Tgt Ion:172 Resp: 190742
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.7 44.5
 170 23.6 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

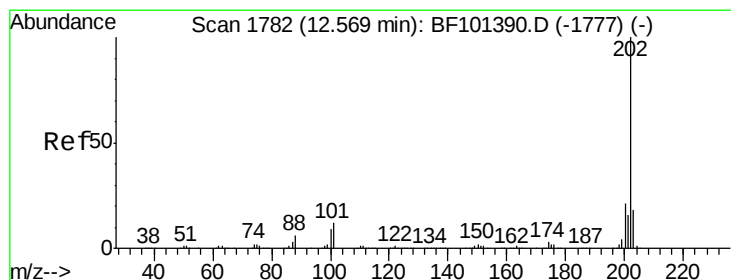
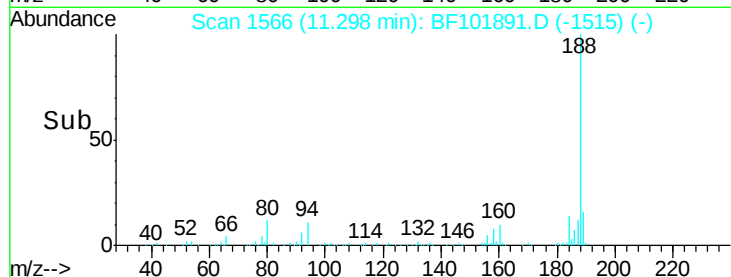
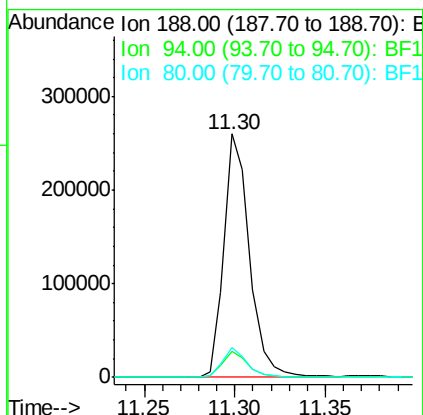
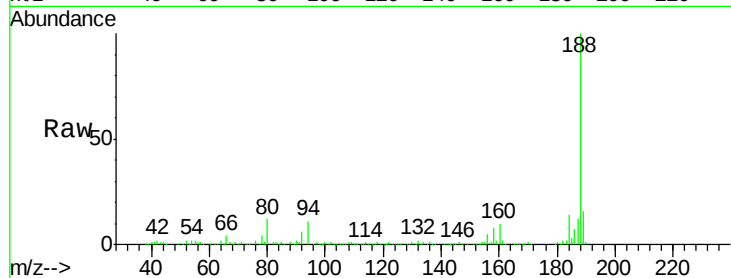




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

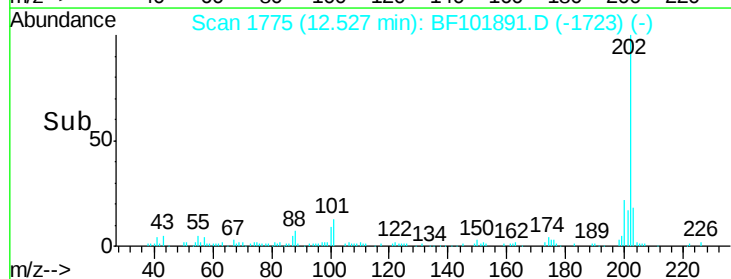
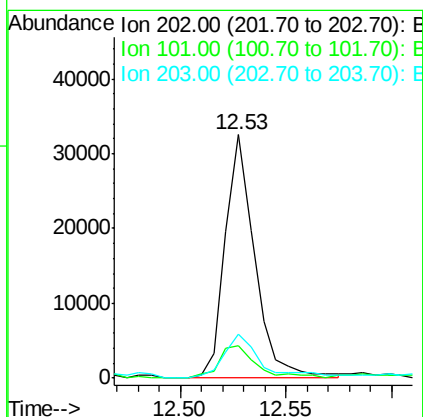
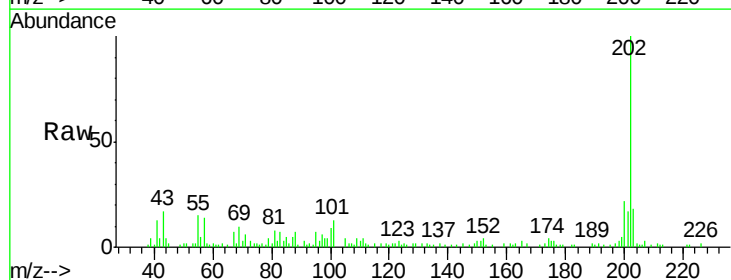
Instrument :
BNA_F
ClientSampleId :
HR-06-010318-C

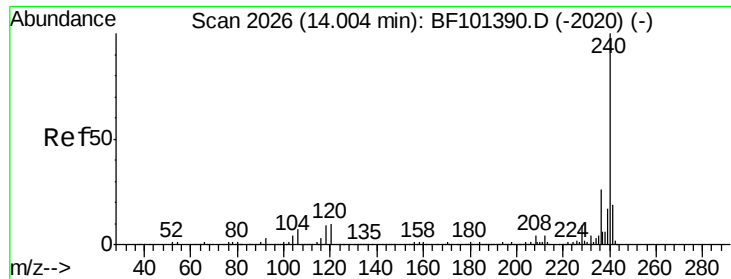
Tot Ion:188 Resp: 256261
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.2 9.2 13.8



#74
Fluoranthene
Concen: 2.118 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101891.D
Acq: 4 Jan 2018 15:26

Tgt Ion:202 Resp: 31681
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-C

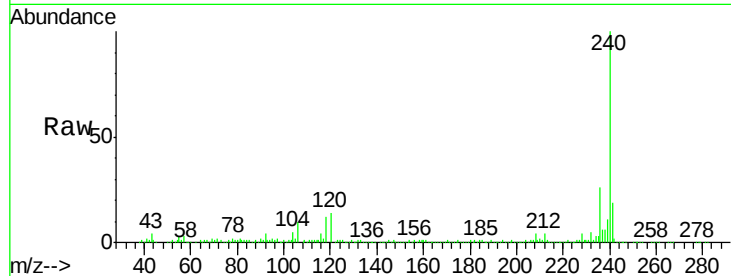
Tot Ion:240 Resp: 260756

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

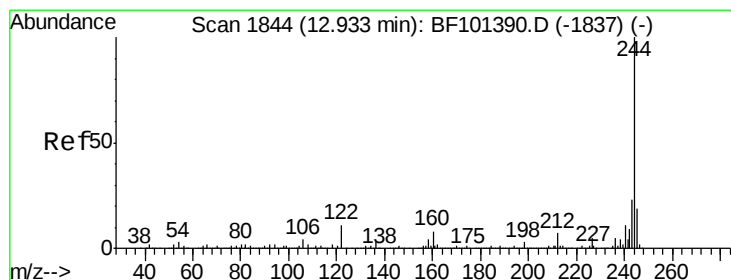
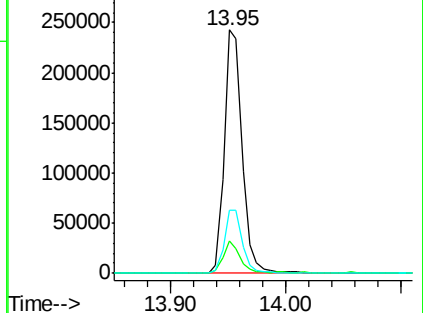
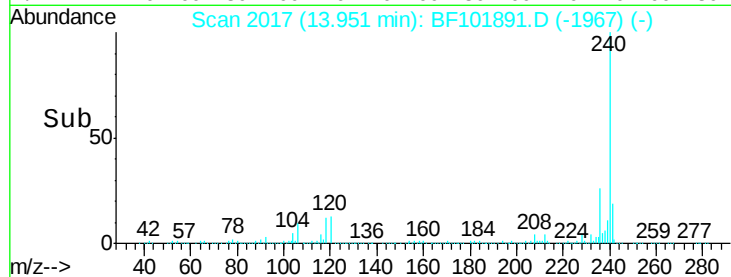
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 12.894 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

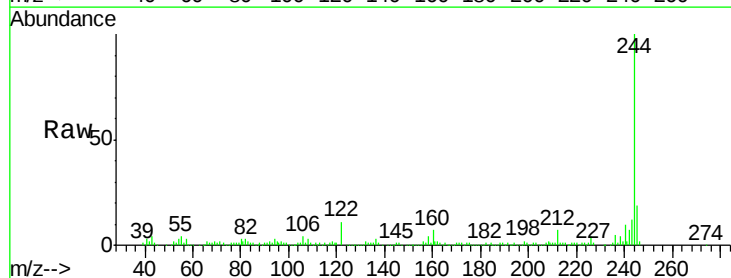
Tgt Ion:244 Resp: 139469

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

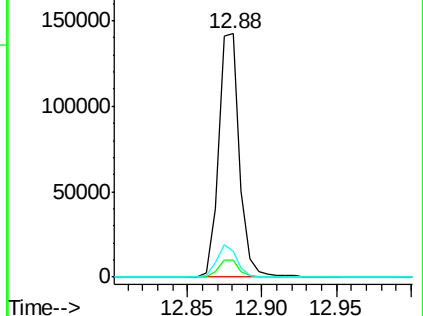
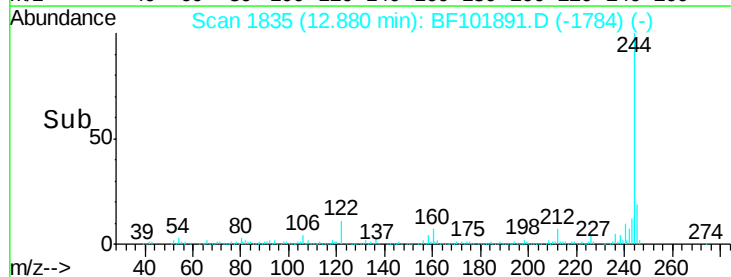
122 10.6 11.0 16.4#

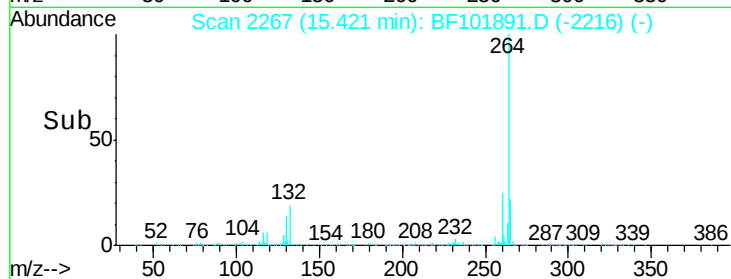
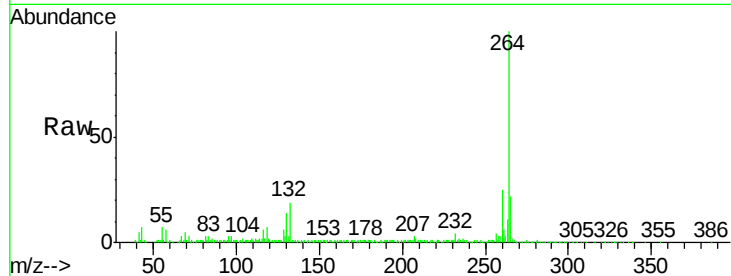
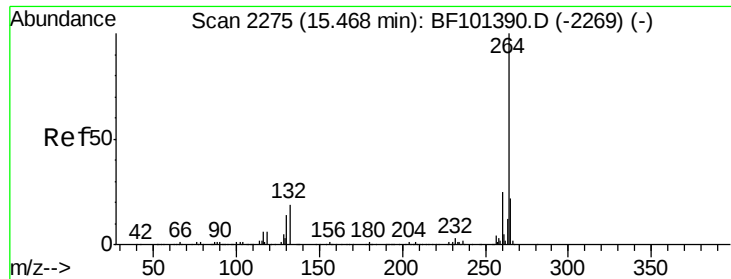


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF101891.D

Acq: 4 Jan 2018 15:26

Instrument :

BNA_F

ClientSampleId :

HR-06-010318-C

Tot Ion: 264 Resp: 263936

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 22.0 17.5 26.3

